BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

SECTION- IX

VOLUME-II

Bill of Quantities (BOQ)

PART-I SUPPLY PORTION

SL No	Particulars	Unit	Total Qty	Material code
1	Supply & Erection of PSCC pole 9 mtr long 200kg W/L (for intermediate only)	No	**22**	200006
2	Supply & Erection of 11 kV, Horizontal Cross Arm with clamps, HTST supports, bolts, nuts and washers for PSCC Pole - 9 Mtr Long, 200 Kg WL-GI	set	**29**	CDS materials for General works
3	Supply & Providing of 45KN Composite polymer insulators.	No	**66**	283320
4	Supply & Providing of 11kV Composite Polymer pins insulators.(24mm dia FRP rod)	No	**99**	283008
5	Supply & Providing of Guy Set Complete with No. 15 Strain Insulator & Concreting materials-GI	set	**52**	CDS materials for General works
6	Supply & stringing of ACSR Rabbit conductor with 1.5% sag as per BESCOM Specification	Km	**4.3392**	284108
7	Supply & Providing of Spiral Earth Electrode	No	**22**	281683
8	Supply & providing of 11kV class 200 AMPS Single Break GOS	Set	**14**	304212
9	Supply & providing of H - Frame Set for 11kV, 200Amps Single Break GOS Mounting - GI	Set	**3**	280149
10	Supply & providing of 11kV Spl 3pin X-arms, pole clamps, bolts for PSCC pole- GI	No	**3**	280013
11	Supply & providing of 11kV Class DOLO Cutouts	Set (3 Nos)	**3**	302011
12	Supply & providing of Guardings Materials for road crossing(span=40 mtr)	Span	**9**	278916
13	Supply & providing of caution/Danger board as per drawing no.BESCOM/GM/CP/40/24.10.17	No	**14**	613050
14	Supply & Fixing of Anticlimbing Device GI Barbed Wire (12 mtrs/1kg)Lumpsum	Kg	**22**	278911
15	Supply & providing of Earthing materials pipe type for grounding as per Drawing No BESCOM/GM/CP/15&34 dt:24.10.17(Single Electrode with accessories)	No	**35**	281674+600095+ 607054, CDS 60
16	Supply & providing of GI wire 8SWG	kg	**46**	281008
17	Supply & providing of Guy wire 7/10SWG	kg	**89**	281110
18	Supply & providing of 11kV lightning arrestors, poliymer Type,9kV 5 kA (Set=3No)	Set	**11**	303202, CDS 60
19	Supply & providing of LT Protection kit	No	**11**	301107
20	Supply & providing of H.G.Fuse unit,11kV solid core Type(Set=3no)	Set	**11**	302122

21	supply & providing Transparent Alkathine tube 19mm dia, 2mm thick in coils of 30 mtrs	Coil	**11**	821900
22	Supply & Erection of 9M PSCC pole WL 300Kg	No	**11**	200005
23	Supply & Erection of Single Pole Mounted Transformer kit for 25 kVA on 9 mtr PSCC Poles of 300kG WL --GI with H-frame	Set	**11**	280119, CDS materials for General works
24	Supply & Erection of 11kV/433V, 25 kVA,3phase 50cys Distribution Transformer BEE-4star rated	No	**11**	321437
25	Supply & providing of LT wiring (from 25 KVA DTC to LT line)		**11**	
	Aluminium lead wire 50 sqmm	Mtr	**275**	289031
	Heavy duty long barrel copper lugs- 50 sqmm	No	**110**	288531
	P.G Clamps - Rabbit to 50 sq.mm	No	**38**	285508, CDS 63
	Fish Plate with necessary Clamps, bolts & nuts etc complete (Galvanised)	No	**19**	280800+280511, CDS 63
	Spacers for DTC wiring	No	**70**	284503
26	PSCC Pole - 8 Mtr Long, 200 Kg WL (for Intermediate Pole)	No	**5**	200004
27	LT 4 Pin Cross Arm with clamps, bolts, nuts and washers for PSCC Pole - 8 Mtr Long, 200 Kg WL-GI	Set	**6**	280014, CDS materials for General works
28	1.1 kV Pin Insulator with GI Pin	No	**20**	283053, CDS 5
29	No. 8 Strain Insulator	No	**8**	283158
30	Supply & Providing of Guy Set Complete with No 8. Strain Insulator & Concreting materials-GI	Set	**2**	CDS materials for General works

PART-IE ERECTION PORTION

SL No	**Particulars**	**Unit**	**Total Qty**
1	Supply & Erection of PSCC pole 9 mtr long 200kg W/L (for intermediate only)	No	**22**
2	Supply & Erection of 11 kV, Horizontal Cross Arm with clamps, HTST supports, bolts, nuts and washers for PSCC Pole - 9 Mtr Long, 200 Kg WL-GI	set	**29**
3	Supply & Providing of Guy Set Complete with No. 15 Strain Insulator & Concreting materials-GI	set	**52**
4	Supply & stringing of ACSR Rabbit conductor with 1.5% sag as per BESCOM Specification	Km	**4.3392**
5	Supply & Providing of Spiral Earth Electrode	No	**22**
6	Supply & providing of 11kV class 200 AMPS Single Break GOS	Set	**14**

7	Supply & providing of H - Frame Set for 11kV, 200Amps Single Break GOS Mounting - GI	Set	**3**
8	Supply & providing of 11kV Spl 3pin X-arms, pole clamps, bolts for PSCC pole- GI	No	**3**
9	Supply & providing of 11kV Class DOLO Cutouts	Set (3 Nos)	**3**
10	Supply & providing of Guardings Materials for road crossing(span=40 mtr)	Span	**9**
11	Supply & providing of caution/Danger board as per drawing no.BESCOM/GM/CP/40/24.10.17	No	**14**
12	Supply & Fixing of Anticlimbing Device GI Barbed Wire (12 mtrs/1kg)Lumpsum	Kg	**22**
13	Supply & providing of Earthing materials pipe type for grounding as per Drawing No BESCOM/GM/CP/15&34 dt:24.10.17(Single Electrode with accessories)	No	**35**
14	Supply & providing of 11kV lightning arrestors, poliymer Type,9kV 5 kA (Set=3No)	Set	**11**
15	Supply & providing of LT Protection kit	No	**11**
16	Supply & providing of H.G.Fuse unit,11kV solid core Type(Set=3no)	Set	**11**
17	Supply & Erection of 9M PSCC pole WL 300Kg	No	**11**
18	Supply & Erection of Single Pole Mounted Transformer kit for 25 kVA on 9 mtr PSCC Poles of 300kG WL --GI with H-frame	Set	**11**
19	Supply & Erection of 11kV/433V, 25 kVA,3phase 50cys Distribution Transformer BEE-4star rated	No	**11**
20	Supply & providing of LT wiring (from 25 KVA DTC to LT line)		**11**
	Aluminium lead wire 50 sqmm	Mtr	**275**
	Heavy duty long barrel copper lugs- 50 sqmm	No	**110**
	P.G Clamps - Rabbit to 50 sq.mm	No	**38**
	Fish Plate with necessary Clamps, bolts & nuts etc complete (Galvanised)	No	**19**
	Spacers for DTC wiring	No	**70**
21	PSCC Pole - 8 Mtr Long, 200 Kg WL (for Intermediate Pole)	No	**5**
22	LT 4 Pin Cross Arm with clamps, bolts, nuts and washers for PSCC Pole - 8 Mtr Long, 200 Kg WL-GI	Set	**6**
23	Supply & Providing of Guy Set Complete with No 8. Strain Insulator & Concreting materials-	Set	**2**

	GI		
24	Guy concreting with Boulders, Mud and Sand	No	**2**